

Converting Colors

YIQ(150.5980, -131.7640,
-34.9640)

Have a look what the booklet for
YIQ(150.5980, -131.7640, -34.9640)
contains.

YIQ(150.5980, -131.7640, -34.9640)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(150.5980, -131.7640,
-34.9640)**

Conversions

Conversions Part 1

Format	Color
Hex	03D1ED
RGB	3, 209, 237
RGB Percent	1%, 82%, 93%
CMY	0.9885, 0.1800, 0.0711
CMYK	0.99, 0.12, 0.00, 0.07
HSL	187°, 98%, 47%
HSV	187°, 99%, 93%
XYZ	38.1236, 51.7684, 87.9974
YIQ	150.5980, -131.7640, -34.9640

Conversions

Conversions Part 2

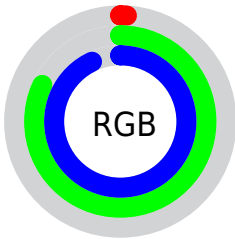
Format	Color
RYB	3, 113, 237
Decimal	250349
CIELab	77.14, -32.73, -25.70
CIELCh	77, 41.620, 218.141
Yxy	51.7684, 0.2143, 0.2910
Android (android.graphics.Color)	4278440429 (0xFF03D1ED)
YUV	150.5980, 42.5962, -129.4434
Hunter-Lab	71.9502, -31.3329, -22.1484

Details

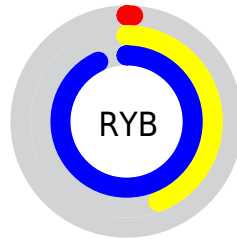
The YIQ color **150.5980, -131.7640, -34.9640** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **89.4020, 131.7640, 34.9640**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **212.5420, -84.6320, -30.1040**, and **111.0320, -100.4510, -24.2510** is the 20% darker color. If you saturate the color by 10%, you get **149.7010, -133.5520, -35.6000**, and if you desaturate by 10%, it is **159.5350, -118.2850, -31.4450**.

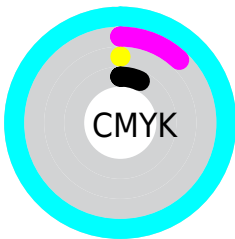
Distribution



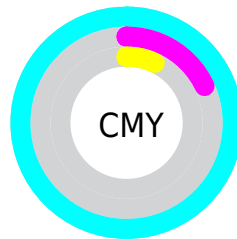
- Red (1%)
- Green (82%)
- Blue (93%)



- Red (1%)
- Yellow (44%)
- Blue (93%)



- Cyan (99%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (99%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.5980, -131.7640, -34.9640 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 150.5980, -131.7640, -34.9640 by changing the saturation by 10% instead.

150.5980,
-131.7640, -34.9640

150.5980,
-131.7640, -34.9640

255.0000, -0.0000,
-0.0000

130.0730,
-116.8640, -29.6640

212.5420,
-84.6320, -30.1040

111.0320,
-100.4510, -24.2510

222.7080,
-64.3680, -22.8960

92.6920, -84.6340,
-19.0500

232.2760,
-45.2960, -16.1120

74.4660, -69.1380,
-13.5380

241.8440,
-26.2240, -9.3280

57.5280, -54.5130,
-8.7610

251.4120, -7.1520,
-2.5440

40.7040, -40.2090,
-3.6730

26.9290, -27.6010,

-0.8890

■ 5.0500, -11.4640,
9.5280

■ 1.0260, -2.8890,
2.7990

■ 150.5980,
-131.7640, -34.9640

■ 150.5980,
-131.7640, -34.9640

■ 149.7010,
-133.5520, -35.6000

■ 159.5350,
-118.2850, -31.4450

■ 168.1730,
-105.4020, -28.1380

■ 177.1100,
-91.9230, -24.6190

■ 185.4600,
-78.1690, -20.5770

■ 194.0980,
-65.2860, -17.2700

■ 203.0350,
-51.8070, -13.7510

■ 211.9720,
-38.3280, -10.2320

■ 220.6100,
-25.4450, -6.9250

■ 228.9600,
-11.6910, -2.8830

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164.2980, -87.0610, -35.6450



150.5980, -131.7640, -34.9640



172.1620, -88.5330, -8.9570

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



150.5980, -131.7640, -34.9640



195.7880, 31.2170, 34.4890



187.1800, 33.7030, -21.6010

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



150.5980, -131.7640, -34.9640



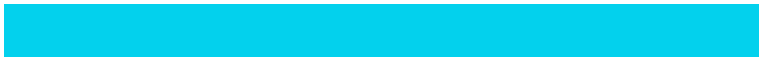
89.4020, 131.7640, 34.9640

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



189.8120, 55.8910, -5.2050



150.5980, -131.7640, -34.9640



190.7990, 49.8790, 26.6710

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



150.5980, -131.7640, -34.9640



195.0040, -4.6820, 29.7980



190.2170, 59.7850, 12.3370



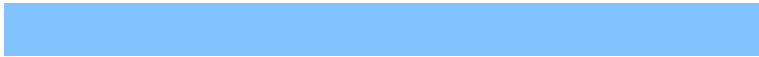
182.2020, 1.1060, -31.0700

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



150.5980, -131.7640, -34.9640



182.4050, -58.0000, 4.8800



190.2170, 59.7850, 12.3370



187.8330, 42.2300, -16.4420

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



150.5980, -131.7640, -34.9640



226.9930, -42.8210, -11.4050



143.4360, -73.0170, -113.9850



110.7240, -25.7660, -6.6140



0.0000, 0.0000, 0.0000



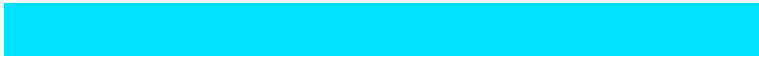
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



150.5980, -131.7640, -34.9640



161.1450, -143.7300, -38.3700



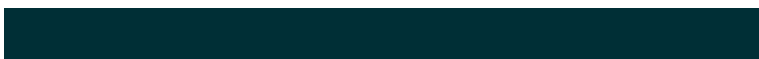
82.5060, -99.8640, 25.7040



113.1240, -6.2810, -1.8090



114.5540, -102.1010, -27.3890



33.7450, -30.2590, -7.7870

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



96.4500, 73.3380, 113.6740



101.8950, 79.7550, 124.0350



157.4940, 99.8640, -25.7040



110.4290, 3.3460, 5.4420



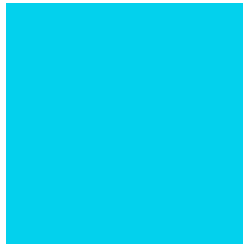
72.3590, 56.5160, 88.1320



21.5040, 17.0970, 26.0650

Previews

White Background



This preview shows how the YIQ color 150.5980, -131.7640, -34.9640 looks on a white background.

Color Contrast Check

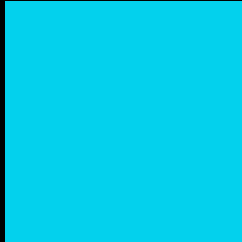
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 150.5980, -131.7640, -34.9640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

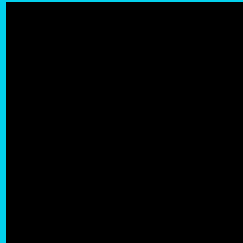
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 150.5980, -131.7640, -34.9640 Background



This preview shows how black text looks on a background with the YIQ color 150.5980, -131.7640, -34.9640.



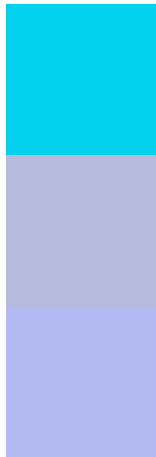
This preview shows how white text looks on a background with the YIQ color 150.5980, -131.7640, -34.9640.

-34.9640.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

150.5980, -131.7640, -34.9640

Protanopia

189.4950, -14.2150, 9.8250

Deuteranopia

190.2910, -22.1480, 15.9320



Tritanopia

149.1480, -130.6170, -39.2330

Trichromacy



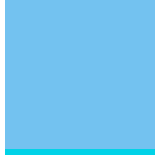
Original Color

150.5980, -131.7640, -34.9640



Protanomaly

175.3260, -56.7600, -6.5840



Deuteranomaly

175.6230, -61.8500, -2.4420



Tritanomaly

149.9030, -131.3050, -37.7770

Monochromacy



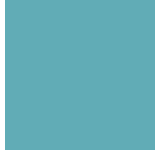
Original Color

150.5980, -131.7640, -34.9640



Achromatopsia

151.0000, -0.0000, 0.0000



Achromatomaly

150.7150, -47.9100, -12.7900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.5980, -131.7640, -34.9640 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(3, 209, 237)` looks like.

```
.text, #text, p{  
    color:rgb(3, 209, 237)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(3, 209, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 209, 237) }
```

Border

The CSS property to change the border of an element to YIQ 150.5980, -131.7640, -34.9640 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(3, 209, 237) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(3, 209, 237) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(3, 209, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 209, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 209, 237);  
box-shadow:4px 4px 4px 4px rgb(3, 209,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 150.5980, -131.7640, -34.9640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 209, 237) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(3, 209,  
237) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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